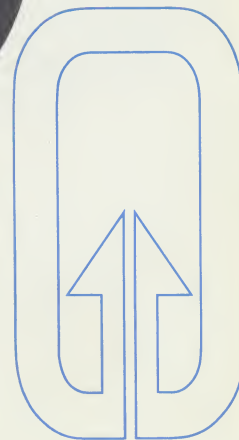
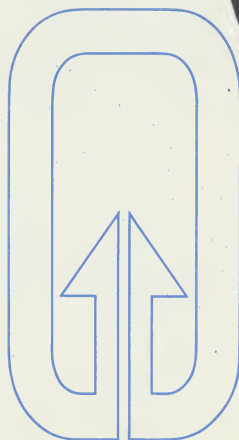
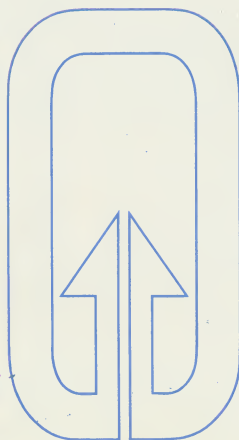
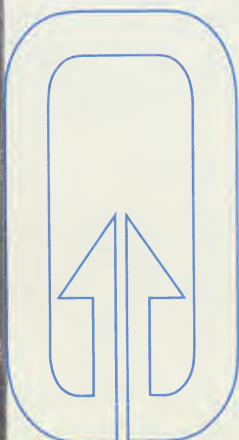
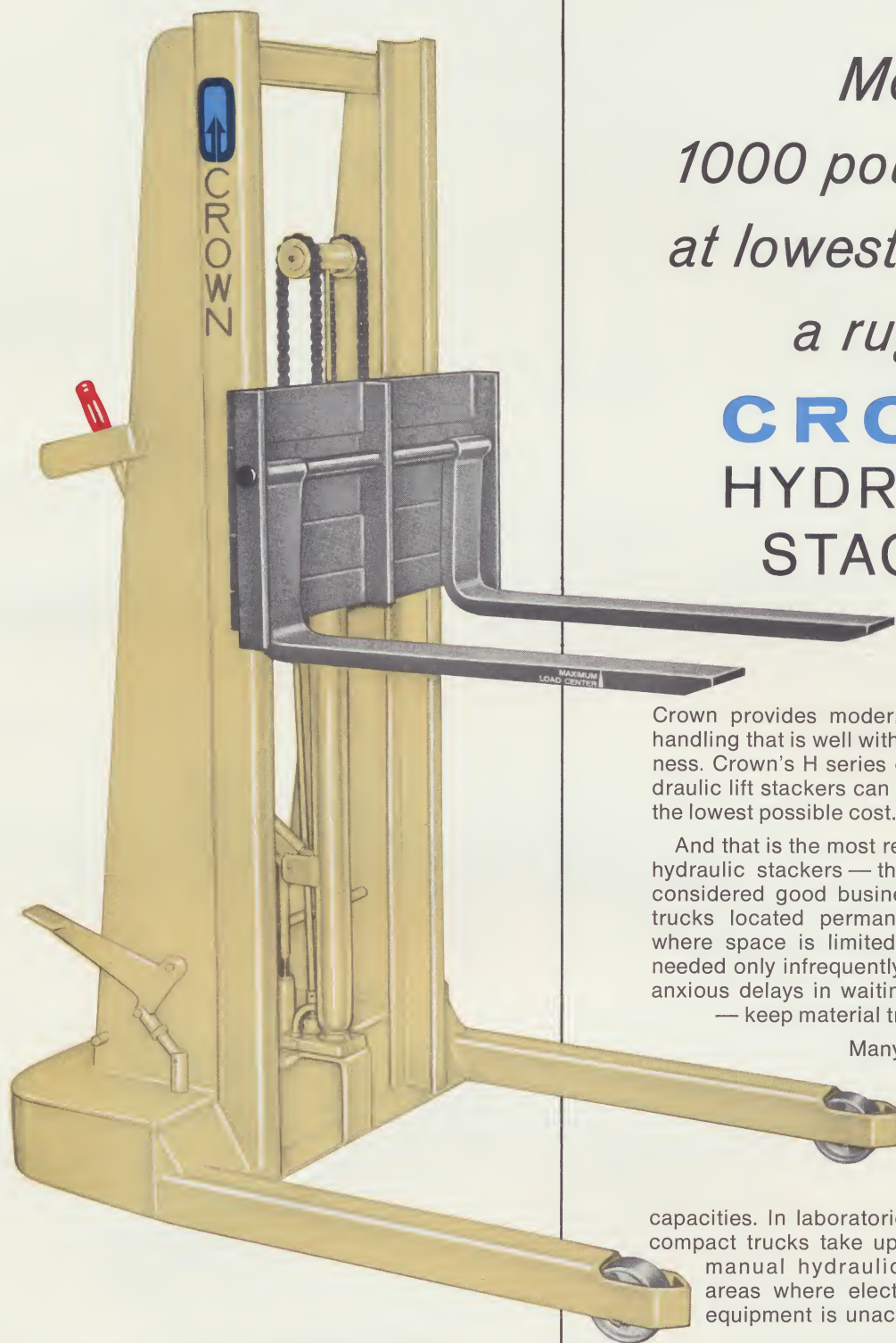


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HANDLE WITH
CROWN



CROWN
HYDRAULIC
STACKERS



Pallets • Skids • Dies • Drums • Coils
 ... you name it — you can pick it up
 easier with a tough Crown truck and
 move it almost any place.

*Move
 1000 pound loads
 at lowest cost with
 a rugged*

CROWN HYDRAULIC STACKER

Crown provides modern, safe, efficient material handling that is well within the reach of every business. Crown's H series of manually propelled, hydraulic lift stackers can move 1000 pound loads at the lowest possible cost.

And that is the most remarkable feature of these hydraulic stackers — the low price. It would be considered good business to keep one of these trucks located permanently in any department where space is limited or where a lift truck is needed only infrequently. This way you can forget anxious delays in waiting for auxiliary equipment — keep material traffic running on schedule.

Many shop foremen like Crown hand operated lift trucks because they are light-weight units. There are less worries about floors and elevators with limited capacities. In laboratories and storerooms, these compact trucks take up less floor space. Crown manual hydraulic stackers are ideal in areas where electric or gasoline powered equipment is unacceptable.

JOB ENGINEERING

This brochure gives complete specifications on all *standard* Crown manually operated stackers. If you have a special problem, any of these units can be engineered to your specifications — quickly and at a reasonable cost. Contact your Crown material handling dealer for additional details.



● HS MODELS Straddle Type — Adjustable Forks

This versatile unit features wide outriggers to straddle pallets, skids or other loads. The adjustable forks lower *between* the outriggers to the floor. Forks may be easily removed and replaced with a wide range of useful attachments. Distance between straddles can be increased or decreased by Crown to fit any size load.



● H MODELS Non-Straddle — Fixed Forks

Least expensive of all Crown trucks. Heavy duty fixed forks nest directly *over* the outriggers, with a lowered fork height of 4½" above the floor. Here is the perfect low cost unit for work positioning, skid handling and for use in areas where minimum width is important.

Choose the Lift to fit your load from 16 rugged models!



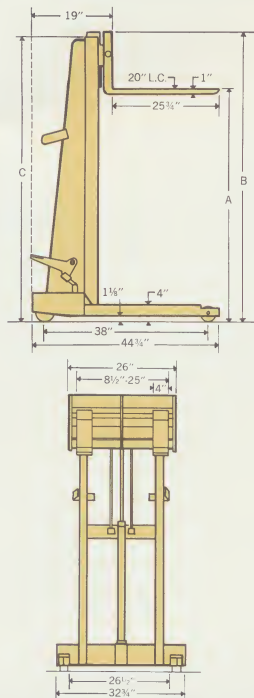
● HP MODELS Non-Straddle — Platform

A rugged, smooth steel 26" x 26" platform makes this unit ideal for handling dies, molds, castings and other heavy, awkward loads. Other sizes of platforms are available to meet specific requirements.



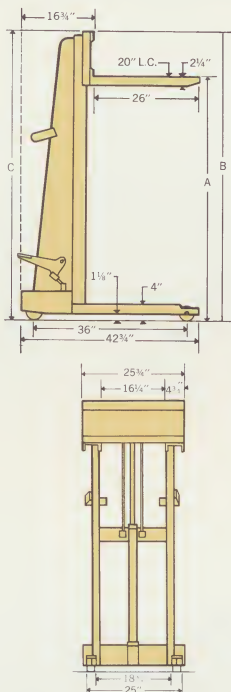
● HF MODELS Non-Straddle — Adjustable Forks

This very narrow (26") stacker features adjustable forks that lower *on top* of the outriggers. Lowered height of the forks is 5½". Forks are easy to remove and various accessories can be attached to fork rod.



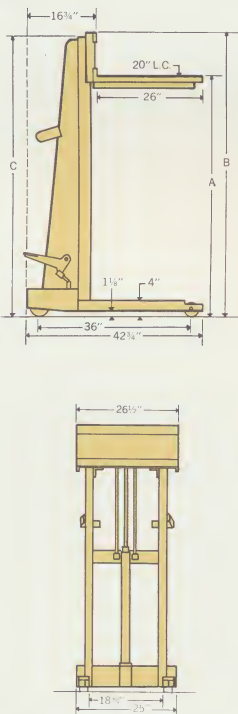
● HS MODELS Straddle Type — Adjustable Forks

MODEL		HS54	HS64	HS74	HS84
Lifting Height	(A)	54	64	74	84
Ov'l Collapsed Ht.	(B)	67 1/4	77 1/4	87 1/4	97 1/4
Overall Ext. Ht.	(C)	67 1/4	77 1/4	87 1/4	97 1/4
Lowered Fork Ht.		Floor	Floor	Floor	Floor
Weight		418	431	445	458



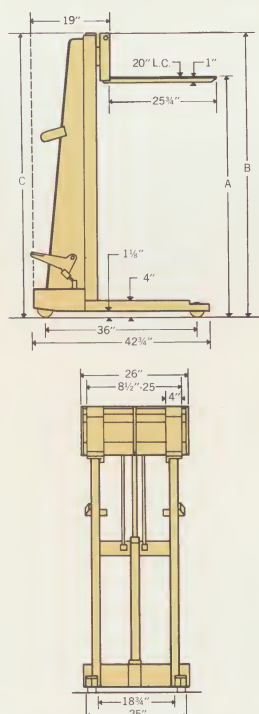
● H MODELS Non-Straddle — Fixed Forks

MODEL		H57	H67	H77	H87
Lifting Height	(A)	57	67	77	87
Ov'l Collapsed Ht.	(B)	67 1/4	77 1/4	87 1/4	97 1/4
Overall Ext. Ht.	(C)	67 1/4	77 1/4	87 1/4	97 1/4
Lowered Fork Ht.		4 1/2	4 1/2	4 1/2	4 1/2
Weight		328	341	355	368



● HP MODELS Non-Straddle — Fixed Platform

MODEL		HP57	HP67	HP77	HP87
Lifting Height	(A)	57	67	77	87
Ov'l Collapsed Ht.	(B)	67 1/4	77 1/4	87 1/4	97 1/4
Overall Ext. Ht.	(C)	67 1/4	77 1/4	87 1/4	97 1/4
Low'd Pl'tf'm Ht.		4 1/2	4 1/2	4 1/2	4 1/2
Weight		343	356	370	383



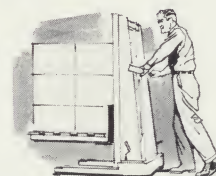
● HF MODELS Non-Straddle — Adjustable Forks

MODEL		HF58	HF68	HF78	HF88
Lifting Height	(A)	58	68	78	88
Ov'l Collapsed Ht.	(B)	67 1/4	77 1/4	87 1/4	97 1/4
Overall Ext. Ht.	(C)	67 1/4	77 1/4	87 1/4	97 1/4
Lowered Fork Ht.		5 1/2	5 1/2	5 1/2	5 1/2
Weight		393	406	420	433



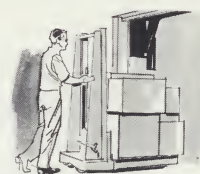
Drum Stacking

Low priced drum stacker attachment handles all sizes of steel and fibre drums.



Skid Handling

Simplifies the constant job of handling paper skids or other materials up to 1,000 lbs.



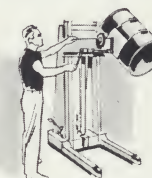
Between Floors

Lightweight unit — carries full loads on limited capacity elevators.



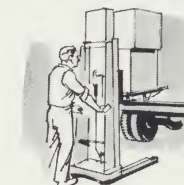
Die Handling

Installing or removing dies in presses is easily handled by one man and a Crown lift truck.



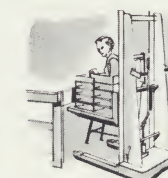
Drum Dumping

Hydraulically clamps, lifts and dumps. Efficient, safe and reasonably priced.



Truck Loading

Handles all types of loads from ground level or dock level.



Work Positioning

Loads are quickly and easily adjusted to proper working height. Improves efficiency of worker.

CROWN MANUALLY OPERATED STACKERS

TECHNICAL SPECIFICATIONS

Capacity — 1000 lbs.

Load Center — 20"

Fork Travel — 1 1/4" per stroke

Wheels

Steel caster wheels 5" dia. x 1 1/2" face. Steel load wheels 4" dia. x 1 7/8" face as standard equipment. Polyurethane, hard rubber, phenolic and static dissipating available. All wheels equipped with roller bearings as standard equipment.

Outriggers

Formed from heavy gauge steel plate with end contoured around load wheel. Each load wheel axle is flush with outriggers to prevent pallet or skid damage.

Forks

1" thick x 4" wide forged steel forks with full upset heel standard on HF and HS models.

Carriage Rollers

Four alloy steel rollers contoured to fit mast and equipped with roller bearings.

Chassis

Fabricated from steel plate and bar stock, completely shot-blasted to remove any excess weld slag. Base plate formed from steel plate and reinforced with protective bumper skirt. Vertical guide mast assembly welded as an integral part of main chassis.

Floor Lock

Dual floor locks are foot operated by a single pedal, spring loaded for maximum holding pressure.

Lift Chain

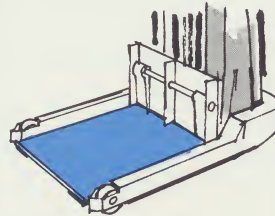
Two alloy steel leaf type lift chains. Ultimate strength of each chain is 7000 lbs.

Hydraulic System

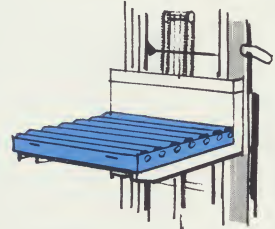
Standard equipment includes:

1. Single acting piston pump equipped with chevron-type packings.
2. Integral lift cylinder and oil reservoir.
3. Overload valve set to by-pass oil to reservoir when system reaches maximum pressure or when load exceeds rated capacity by more than 10%.
4. Needle type lowering valve with infinite control over complete lowering range.

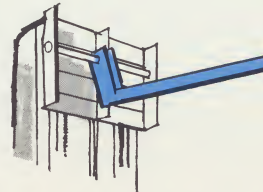
ACCESSORIES



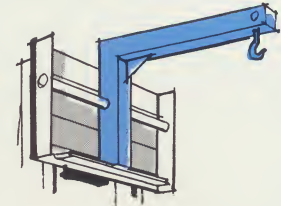
SNAP-ON PLATFORM. Rugged 26" x 26" steel platform quickly converts any fork model to platform lift. Ideal for handling dies and positioning work.



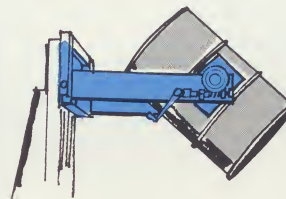
ROLLER TOP. 26" x 26" with end retaining plates to keep load in place. Can be mounted to load from front or side. Other sizes available.



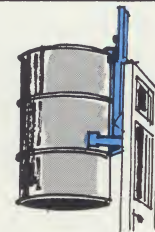
RAM. Fits all trucks with adjustable forks and is easily interchangeable with forks. Efficiently handles rolls of metal, wire and paper. Standard lengths are 26", 30", 36".



BOOM. Easily interchanged with forks on trucks with adjustable forks. Reach to centerline of hook is 20". Other sizes available.

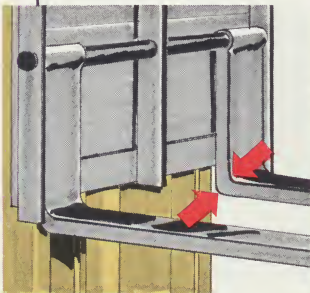


DRUM ROTATOR. Mechanically clamps and rotates 30 or 55 gallon drums a full 360 degrees. Interchangeable with forks on "HS" models.



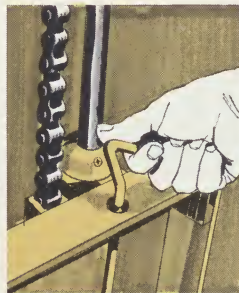
DRUM STACKER. Easily replaces forks on "HS" models. Foolproof clamping jaw handles all types and sizes of steel and fiber drums. Capacity 1,000 lbs.

CHECK THESE QUALITY CROWN FEATURES BEFORE YOU BUY!



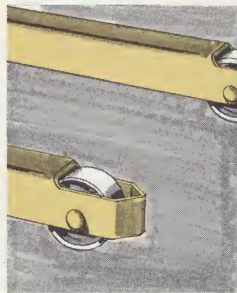
FORGED STEEL ADJUSTABLE FORKS

Rugged forged steel forks are standard on all HS and HF models. Forged forks are extra thick in the heel, where the stress of heavy loads is greatest.



PRECISION LOWERING CONTROL

The operator has infinite control of the lowering speed. A precision needle valve permits smooth feathering control for handling delicate loads.



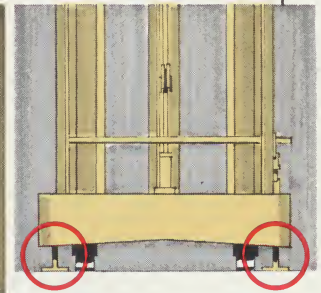
EASY-ENTRY OUTRIGGERS

All models feature tapered outriggers to protect the load wheels, ease entry and prevent damage to wooden pallets and skids.



DUAL LIFTING CHAINS

Two lifting chains mean maximum safety and long, service-free performance. Each chain is rated much higher than the total capacity of the truck!



DUAL FLOOR LOCKS

By depressing a foot pedal, two spring-loaded, rubber-tipped pads securely lock the truck in position. This prevents accidental movement on ramps or while lifting and lowering loads.

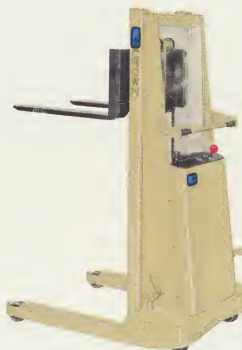
CROWN CONTROLS CORPORATION • MATERIAL HANDLING DIVISION • NEW BREMEN, OHIO 45869

POWER LIFT STACKERS

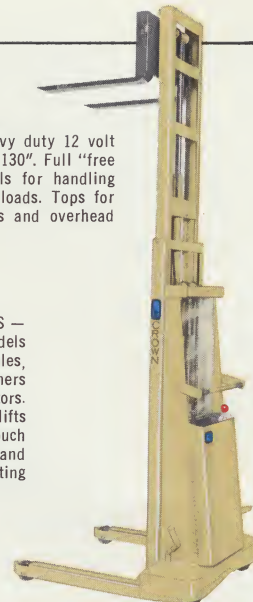
Manually Propelled

Crown also makes a complete line of 1500 and 2000 lb. capacity lift trucks with power lift. All powered models feature a built-in battery charger that operates from any 115 volt outlet. If you have a special problem, a team of Crown engineers can design efficient, reasonably priced equipment to fit your application. Your local Crown dealer is factory trained and fully qualified to assist you in choosing the right piece of equipment for your operation. Call him today!

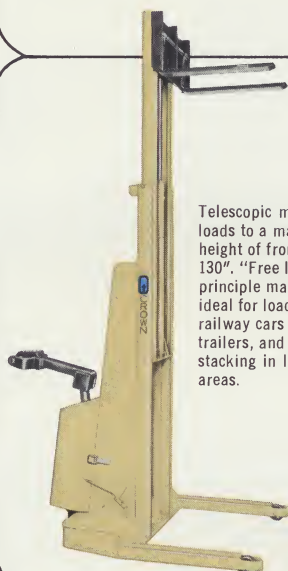
TELESCOPIC STACKERS — Heavy duty 12 volt system lifts 1500 lb. loads up to 130". Full "free lift" is standard. Special models for handling pallets, skids, drums and other loads. Tops for truck unloading, stacking pallets and overhead maintenance.



POWER LIFT STACKERS — Sixteen versatile models can be used as feed tables, die tables, work positioners and portable elevators. Powered hydraulic unit lifts loads smoothly at the touch of a finger tip. 1500 and 2000 lbs. capacity — lifting heights to 88".



Adjustable or fixed fork and platform models available. Lightweight, rugged construction assures years of carefree use. Lifting heights to 88".



Telescopic mast lifts loads to a maximum height of from 90" to 130". "Free lift" principle makes unit ideal for loading railway cars or truck trailers, and for stacking in low ceiling areas.



WALKIE STACKERS

Power Propelled

Here are the best values in the material handling industry. Manual labor is long forgotten with these hefty narrow aisle stackers. Smooth, three speed operation and dynamic braking. Made in 1500 and 2000 pound capacities with lifting heights to 130". 24 volt electrical system with built-in charger.



POWER STOCK PICKER

Operator controls steering, travel, raising and lowering from platform. Speeds order picking in warehouses with narrow aisles. Features three speed operation, 24 volt power and built-in charger.

POWER PALLET TRUCKS

This low cost 2500 lb. capacity unit features 3 speed operation, 24 volt power and a built-in charger. Crown power pallet trucks have won two major awards for efficient practical industrial design.



CROWN CONTROLS CORPORATION • MATERIAL HANDLING DIVISION • NEW BREMEN, OHIO 45869 U.S.A.
TELEPHONE 419-629-2311 • TELETYPE 810-490-2510 • TELEX 2-8885 • CABLE: CROWN



CROWN
MATERIAL
HANDLING
EQUIPMENT

RUSHMORE & WEBER INC.

P. O. BOX 7
LATHAM, N. Y.
PHONE 785-4141

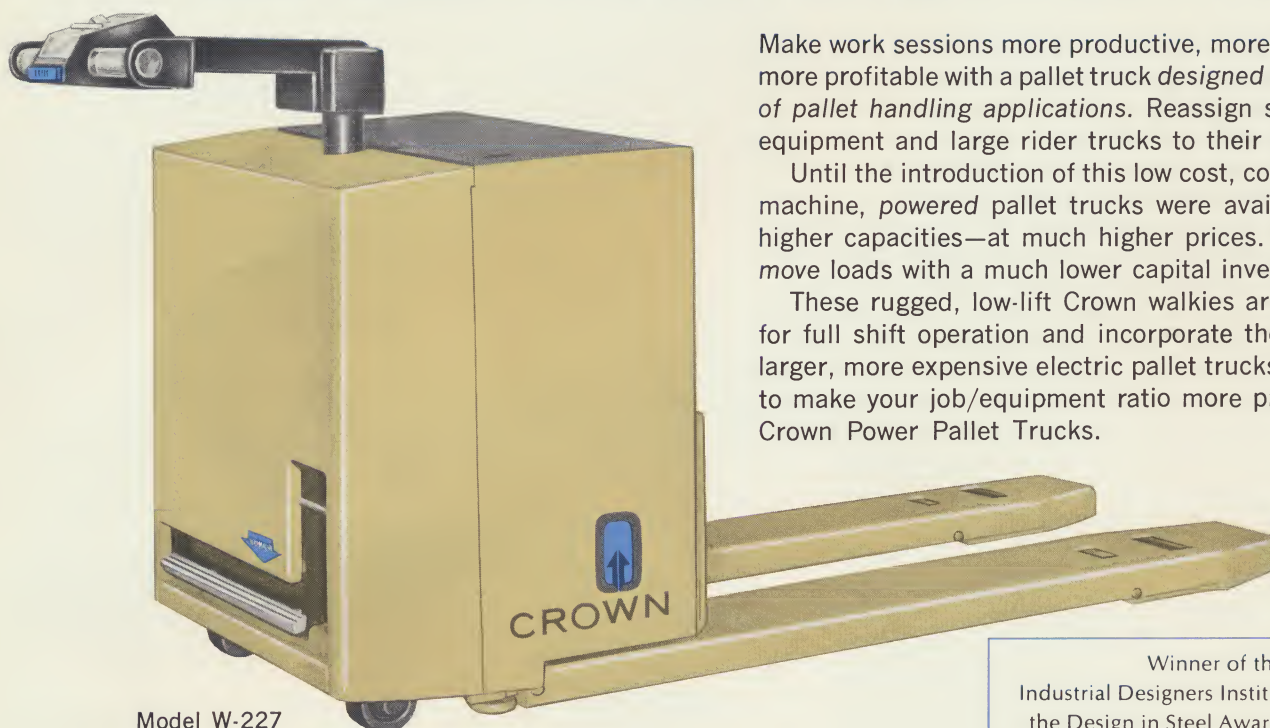
**HANDLE WITH
CROWN**



CROWN
Power Pallet Trucks



POWER-MOVE YOUR LOADS WITH A LOW COST CROWN POWER PALLET TRUCK



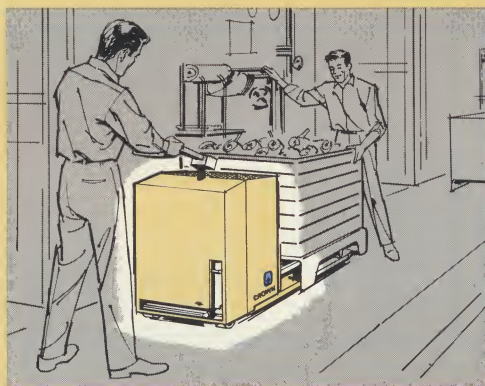
Model W-227

Make work sessions more productive, more efficient and more profitable with a pallet truck *designed for a majority of pallet handling applications*. Reassign small manual equipment and large rider trucks to their proper work.

Until the introduction of this low cost, compact Crown machine, *powered* pallet trucks were available only in higher capacities—at much higher prices. Now, *power-move* loads with a much lower capital investment!

These rugged, low-lift Crown walkies are engineered for full shift operation and incorporate the features of larger, more expensive electric pallet trucks. If you want to make your job/equipment ratio more profitable, see Crown Power Pallet Trucks.

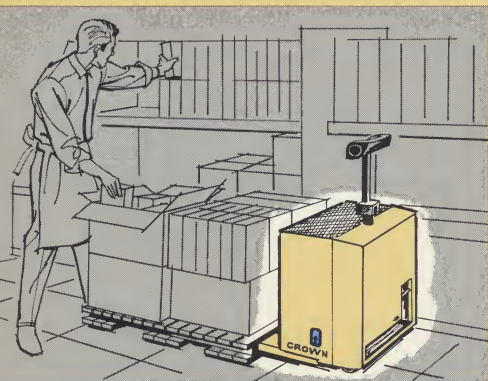
Winner of the
Industrial Designers Institute Award and
the Design in Steel Award Citation for
Design Excellence of an Industrial Product



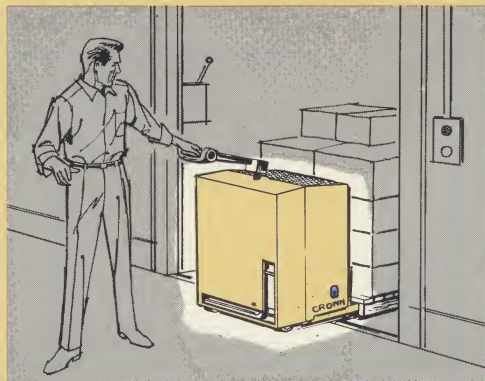
INDUSTRY—Most loads are just right for this truck. Reassign larger trucks to heavier work.



WAREHOUSING—Keeps loads moving during a full work shift. Faster, more efficient than hand trucks.



RETAIL STORES—Power-move pallets into your store. Safe for anyone to operate.



BETWEEN FLOORS—Use on limited capacity floors and freight elevators. Weighs less than 1000 lbs.



ORDER PICKING—Speed up order handling. Expedite inventory turnover and increase efficiency.

SAFE, MODERN CONTROL HANDLE

THREE SPEEDS

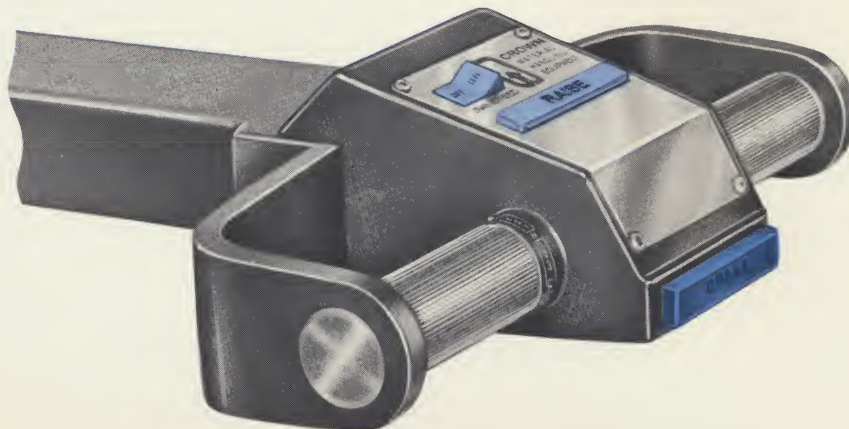
A convenient twist-grip control bar in the handle provides three speeds forward and reverse. The operator can select the right speed and direction by rotating the control bar forward or backward in one of the six definite notched speed positions. When released, the bar is spring loaded to return to neutral and shuts off drive wheel power.

DYNAMIC BRAKING

Safe, fast dynamic electric braking is standard equipment on all Crown walkies. The wide, conveniently located brake button permits easy one hand operation to stop the truck immediately with the control handle in any position. An automatic electrical braking system which stops the truck when the steering handle is released is available as optional equipment.

PUSH BUTTON RAISING

A raise button in the steering handle permits easy one hand operation of fork lifting. This pallet truck has a full eight inches of fork height.

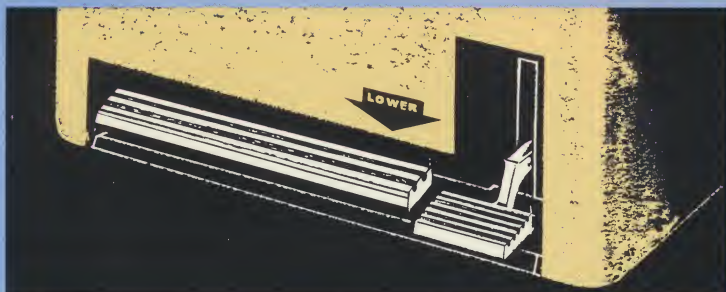


FULL 200 DEGREE STEERING

For maximum maneuverability in narrow aisle and truck unloading operation, the control handle operates in a full 200 degree arc. In tight areas, the spring-loaded control handle can be operated in the "up" position.

SAFETY 3rd SPEED CUTOFF SWITCH

This standard equipment feature is right at the operator's fingertips. Third speed can be shut off for safest operation in congested areas or tight quarters.



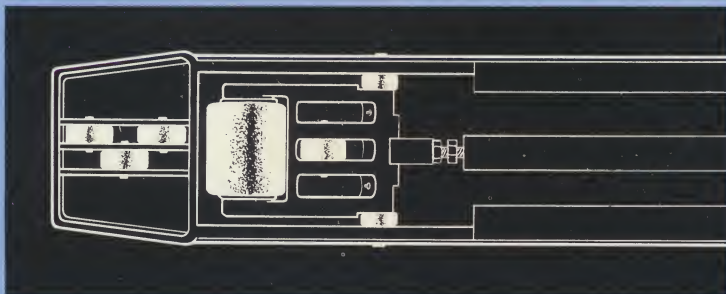
CONVENIENT LOWERING BAR — An extra wide lowering bar enables the operator to lower the load from either side of the machine. Return springs in the fork linkage insure full retraction of unloaded forks.

SAFETY FLOOR LOCK — When the foot-operated dual floor locks are engaged, all drive wheel power is automatically cut off for safety during maintenance.



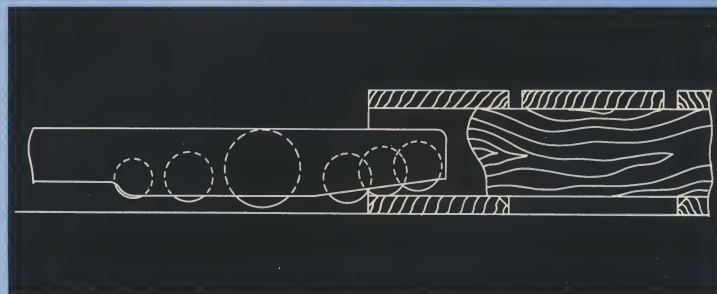
FLOATING TRACTION — To insure positive traction over ramps and uneven floors, the drive wheel "floats" up and down 2½ inches. Heavy coil spring exerts downward pressure on entire drive unit.

FOUR POINT SUSPENSION — Heavy duty, load bearing casters on each side of the drive wheel provide maximum stability, maneuverability, and easier steering.



STURDY FORK CONSTRUCTION — Forks are formed from heavy steel plate with reinforcing steel at high stress areas. Linkage rods are of box type construction for maximum strength; easily adjusted for proper fork alignment, uniform raising. Fork tips are fully tapered.

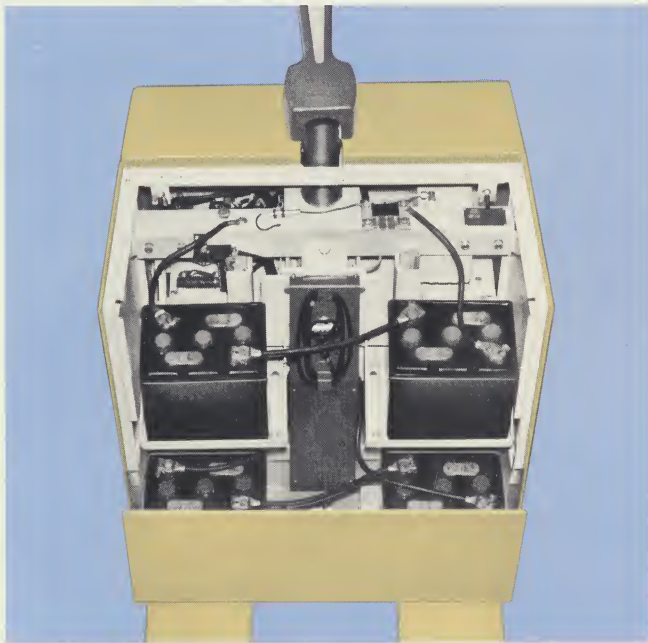
SOLID ALUMINUM LOAD WHEEL — Ball bearing equipped, mounted in strong malleable iron casting for trouble-free performance.



EASY PALLET ENTRY — Six booster rollers permit easy pallet entry and exit—even over unchamfered pallet boards. Three booster rollers at each fork tip are staggered to permit effortless entry into empty pallets.

EXTRA HIGH LIFT — Forks raise to a full eight inches for maximum pallet clearance. Lowered fork height is 3¼ inches.

24 VOLT POWER FOR FULL SHIFT OPERATION



Every Crown Power Pallet Truck is equipped with an efficient 24 volt power package and a built-in 110 volt charger for easiest charging in any part of your plant. You can select one of three standard battery packages, all of which incorporate four 6 volt batteries. *There's a Crown power package for every type of application.*

AUTOMOTIVE TYPE BATTERIES—These low cost 6 volt Group 1 batteries are capable of an exceptional intermittent 8 hour duty cycle and are designed for overnight charging simply by plugging in to any 110 volt outlet.

SEMI-INDUSTRIAL BATTERIES—This moderately priced power package is for 8 to 16 hour operations. A semi-automatic charger with timer is built-in.

INDUSTRIAL—These heavy duty 6 volt batteries provide maximum efficiency and long life in heavy usage applications. Included is a built-in semi-automatic selenium rectifier charger. Includes timer to prevent overcharging.

RUGGED DRIVE UNIT



Crown's rugged walkie drive unit is completely sealed. Precision spur gears operate in an oil bath. Ball and tapered roller bearings assure long, maintenance-free performance. The rugged, high torque drive motor is built for years of service.

EASY MAINTENANCE



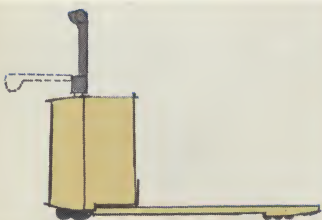
In seconds, both front and rear covers can be removed for maintenance or charging. With covers removed, nearly every electric and hydraulic component is accessible. A convenient slide-out battery tray makes maintenance or replacement easy.

HEAVY DUTY CONTACTORS

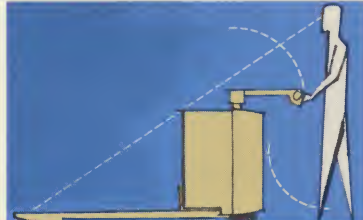


"Nerve center" of the Crown Pallet Truck is this panel of heavy-duty contactors which provides the most efficient use of the truck's 24-volt electrical system. Contactors give positive control of all three speeds in forward and reverse.

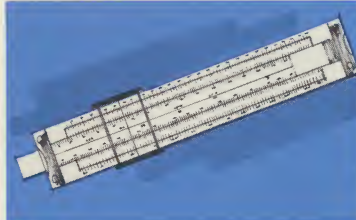
ENGINEERED AND DESIGNED FOR FUNCTIONAL EFFICIENCY



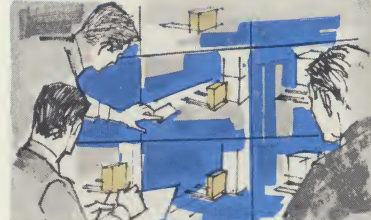
CRISP DESIGN. Every element of the Crown lift truck has a specific purpose. Clean, smart lines make maintenance easy . . . trucks are easy to keep clean. Pleasing colors that blend into most any plant interior make Crown trucks look like they "belong" anywhere.



OPERATOR COMFORT AND EFFICIENCY. Every model in the Crown line is "human engineered" to increase operator efficiency and reduce fatigue. Extensive testing with models and dummies is conducted to insure that every dimension and action works toward efficiency.

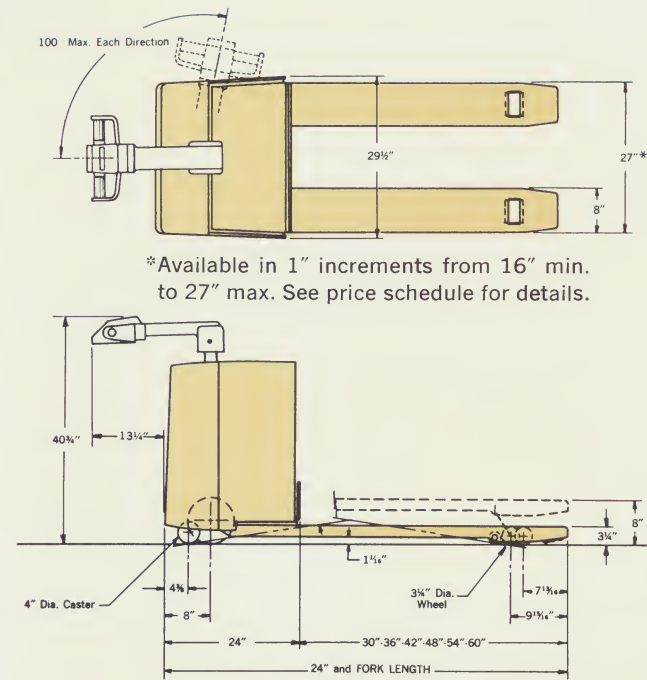


SPECIAL JOB ENGINEERING. If you have a special problem there is a team of Crown engineers that can design and construct a truck to fit your special application. Crown trucks are so adaptable that usually the cost is a pleasant surprise.

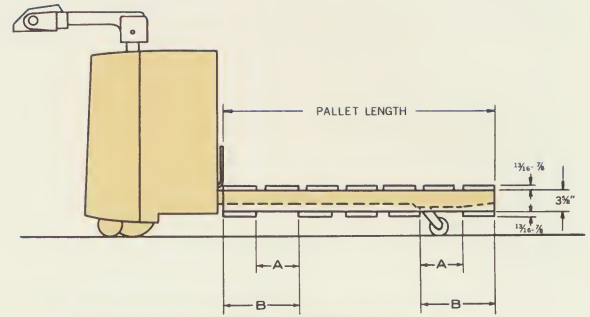


NATIONALLY KNOWN DESIGN FIRM. The efficiency and handsome appearance of Crown trucks result from Crown engineers working with the design firm Richardson/Smith, noted for many outstanding achievements in the field of industrial design.

DIMENSIONAL SPECIFICATIONS



PALLET PLANNING GUIDE



	A	B
STANDARD PALLET TRUCK	7"	13 1/4"
WITH SKID ADAPTOR	7"	14 3/4"
WITH TANDEM WHEELS	9 1/2"	15 1/2"

GRADEABILITY Power & Traction Limitations	
Weight Loaded	Maximum Gradeability
2500	5%
2000	7%
1500	10%
1000	14%
Underclearance Limitations	
Forks Raised—	17%
Forks Lowered—	10%

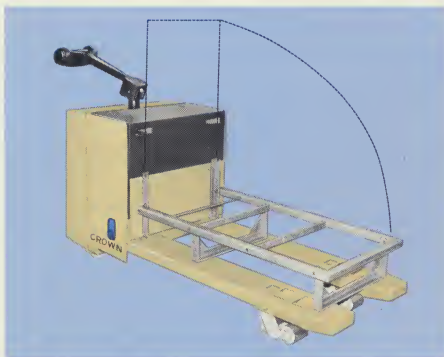
AISLE CLEARANCE PLANNING GUIDE

PALLET LENGTH

PALLET WIDTH	30		32		36		42		48		54		60	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B
30	52 1/2	47	54 1/2	48	58	50	63	52 1/2	68 1/2	55 1/2	74	58 1/2	79 1/2	62
36	54 1/2	50	56	50 3/4	59 1/2	52 1/2	64 1/2	55 1/2	70	58 1/2	75	62	80 1/2	65
42	56	53	58	54	61	56	66	59	71	62	76 1/2	65	82	68
48	58	56	60	57	62 1/2	59	67 1/2	62	72 1/2	65	78	68	83	71
54	60	59	62	60	64 1/2	62	69 1/2	65	74 1/2	68	79 1/2	71 1/2	84 1/2	74 1/2
60	62	62	63 1/2	63	66 1/2	65	72	68	76	71 1/2	81	74 1/2	86	77 1/2
Overall Length	54		56		60		66		72		78		84	

Clearances shown are minimum—Add 6" to "A" & "B" for maximum maneuverability

ADD VERSATILITY WITH THESE OPTIONAL ACCESSORIES



SKID ADAPTER

Handle pallets or skids with this convenient hinged skid adapter. When not being used for skids, it folds up and locks in vertical position. Adapters available to increase lowered fork height 6, 7, 9, or 11 inches. Standard width is 25 inches. Other widths and heights available.



EXCLUSIVE SAFETY FOOT GUARD

This exclusive safety feature is useful in extremely tight areas. A fender behind the drive wheel protects the operator by shutting off drive wheel power and energizing the brake if the truck is accidentally backed into the operator.

Push button control for lowering forks

Automatic braking system (to stop truck when steering handle is released)

Ignition key lock

Hour meter

Horn

Polyurethane wheels and casters

Tandem wheels

CROWN POWER PALLET TRUCKS

Technical Information

CAPACITY—2,500 lbs.

WEIGHT*

Without batteries — 764 lbs. With semi-industrial type — 1004 lbs.
With automotive type — 935 lbs. With industrial type — 1036 lbs.

*based on 48" fork length

BATTERIES

AUTOMOTIVE TYPE—Four 6 volt, 3 cell, 17 plate, lead acid. Each battery 115 amp hr. at 20 hr. rate, 90 amp hr. at 6 hr. rate.

SEMI-INDUSTRIAL TYPE—Four 6 volt, 3 cell, 19 plate, lead acid. Each battery 175 amp hr. at 20 hr. rate, 155 amp hr. at 6 hr. rate.

INDUSTRIAL TYPE—Four 6 volt, 3 cell, 9 plate, lead acid. Each battery 180 amp hr. at 20 hr. rate, 144 amp hr. at 6 hr. rate.

CHARGERS

FOR AUTOMOTIVE BATTERIES—built-in 110 volt selenium rectifier charger to fully charge discharged batteries in approximately 16 hours.

FOR SEMI-INDUSTRIAL AND INDUSTRIAL BATTERIES—built-in 110 volt selenium rectifier charger to fully charge discharged batteries in approximately 8 hours. Equipped with timer to control charging cycle and prevent overcharging.

SPEEDS

	1st	2nd	3rd
Travel — no load	1.4 M.P.H.	1.8 M.P.H.	3.2 M.P.H.
full load	.9 M.P.H.	1.3 M.P.H.	2.5 M.P.H.

DIMENSIONS

Power head width — 29"	Pallet fork length — 30", 32", 36", 42", 48", 54", 60"
Power head length — 24"	Pallet fork width — 8"
Pallet fork spread — 27" standard—available 16" to 27" in 1" increments	Pallet fork lift — 4¾" vertical

WHEELS AND TIRES

Steel caster wheels — 4" dia. 2" face. Aluminum load wheels — 3¼" dia. 4" face as standard equipment. Polyurethane caster and load wheels available.

Drive tire — 8½" x 4" x 4" standard pressed-on type rubber. Drive wheel mounted on tapered roller bearings, caster wheels on roller bearings, load wheels on ball bearings.

PALLET ENTRY

Three staggered booster rollers in front of load wheel and three rollers behind the load wheel permit easy entry and exit over unchamfered pallet boards. Designed to enter and leave an empty pallet at least ten times in succession without moving an empty pallet a total of six inches.

HYDRAULIC SYSTEM

Standard equipment includes:

1. Heavy duty motor, gear pump, check valve, relief valve, and control valve, all assembled as one integral unit.
2. Adjustable flow control valve to regulate lowering speed of pallet forks at a predetermined rate.
3. Centrally located lift cylinder equipped with chevron-type packings.
4. Drain line from lift cylinder to reservoir.
5. Oil reservoir equipped with breather-filter to prevent foreign matter from entering the hydraulic system.
6. Overload valve set to by-pass oil to reservoir when system reaches maximum pressure or when load exceeds rated capacity by more than 10%.

ELECTRICAL SYSTEM

Standard equipment includes:

1. 24 volt system.
2. Series wound high-torque drive motor and lift motor.
3. Heavy duty contactors with replaceable tips.
4. Fused control and drive circuits.
5. Safety interlock switch to cut off drive wheel power when floor lock is applied.
6. Limit switch to cut off lift motor power when pallet forks are elevated to maximum height.

DRIVE UNIT

Spur gear type direct from motor to drive axle, with a 67 to 1 reduction. Gear train mounted on ball and tapered roller bearings operating in oil inside sealed gear housing. Housing equipped with magnetic drain plug.

Drive unit floats 2½" to insure traction when operating over uneven floors and on ramps. Heavy coil spring exerts 400 lbs. pressure on drive wheel for maximum traction efficiency.

STEERING

Steering column mounted on thrust and radial bearings for effortless steering. Steering handle can be turned one hundred degrees in either direction. Handle is magnesium-aluminum alloy, spring loaded to return to vertical position when released by operator.

CONTROLS

Standard equipment includes:

1. "Twist-grip" type control bar mounted in the control head of the steering handle. Rotating the control bar forward propels the truck in a forward direction, reversing the control bar reverses the direction of the truck. Progression through the three speeds is accomplished through definite notched control positions. The speed control bar is spring loaded to the neutral position, and when released by the operator it automatically returns to neutral, cutting off drive wheel power.
2. A third speed switch is located in the control head of the steering handle. With the switch set in the "OFF" position, third speed is cut off, preventing accidental high speed operation in congested areas. With the switch in the "ON" position, maximum power is attained by rotating the control bar to third speed control position.
3. A push button conveniently located in the control head actuates the pallet fork linkage. The forks can be stopped at any height by releasing the push button.
4. A foot operated lowering control is mounted near the bottom of the power head to provide easy operation from any position. The lowering control actuates a throttle valve permitting the operator to regulate the lowering speed of the pallet forks. Return springs are incorporated in the pallet fork linkage to insure full retraction of unloaded pallet forks.
5. A wide horizontal brake button is located in the control head for convenient one hand operation of travel and braking. Braking is accomplished by depressing the brake button which electrically brakes the drive motor. Both travel and braking can be accomplished with the steering handle in any position.

FRAME

Chassis and pallet forks are fabricated from steel plate and bar stock, completely shot-blasted to remove any excess welding slag. Pallet forks are formed to shape and critical stress areas reinforced with additional material to form a solid unit structure. All main pivot points are equipped with grease fittings for lubrication. Heavy gauge vertical fork guide channels are welded as an integral part of the main frame. Elevating linkage is easily adjustable to assure uniform raising and lowering of the pallet forks.

OPTIONAL EQUIPMENT**

PUSH BUTTON LOWERING CONTROL—for pallet forks can be mounted in control handle. Supplements standard manual lowering bar control.

AUTOMATIC BRAKING SYSTEM—to automatically stop truck when steering handle is released. Supplements standard brake button.

IGNITION KEY LOCK—to prevent unauthorized use of equipment.

HOURLY METER—to determine hours of actual operation.

HORN—mounted in control head for use in high traffic areas.

SAFETY FOOT GUARD—electrically brakes truck when guard comes in contact with operator's foot.

POLYURETHANE WHEELS AND CASTERS—to prevent floor damage under special conditions.

TANDEM WHEELS—for special floor loading applications.

SKID ADAPTER—to increase lowered fork height to 6, 7, 9, or 11 inches.

**Available at additional cost.



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